FOREWORD

Addendum 62k deletes the current Section 4 (Classification) and adds a new informative appendix addressing application of the standard in new and existing buildings. The current Section 4 discusses the two procedures for determining design ventilation rates, but contains no requirements and is therefore inconsistent with a standard in code-intended language. The new appendix attempts to address the issue of application of the standard in new and existing buildings. The appendix contains informative guidance on when the standard applies in new and existing buildings. It also contains a code-language version of these requirements that could be adopted, with or without modification, by jurisdictions that do not have a building code. Earlier versions of this addendum attempted to make this material part of the standard (in Section 4), but it was pointed out that this could create conflicts with building codes that contain their own compliance and enforcement sections.

Addendum 62k

Delete the current Section 4 of ASHRAE Standard 62-~~1999~~ 2001 (Classification) and add the following new appendix to the standard.

(This appendix is not part of this standard but is included for information purposes only.)

APPENDIX K

APPLICATION AND COMPLIANCE

This appendix contains application and compliance suggestions that are intended to assist users and enforcement agencies in applying this standard.

For the most part, ASHRAE Standard 62-~~1999~~ 2001 is specifically written for new buildings because some of its requirements assume that other requirements within the standard have been met. In the case of existing buildings, retroactive application and compliance with all the requirements of this standard may not be practical. However, the principles established in this standard may be applied to most existing commercial and institutional buildings. Some existing buildings may achieve acceptable indoor air quality despite not meeting the requirements of ASHRAE Standard 62-~~1999~~ 2001 due to, for example, good maintenance and capital improvement procedures, building materials that, by virtue of their age, have very low contaminant emission rates, and many other factors.

K.1 Application

K.1.1 New Buildings

All sections and normative appendices should apply to new buildings falling within the scope of this standard.

K.1.2 Existing Buildings

The standard should be applied to existing buildings at least in the following circumstances:

1. Additions to Existing Buildings

All additions to existing buildings should meet the requirements of this standard as if the addition were a new building. An exception may be made when an existing ventilation

PM3006450635

Source: https://www.industrydocuments.ucsf.edu/docs/jtxj0001

system is extended to serve the addition. In this case the existing system components, such as fans and cooling and heating equipment, need not meet the requirements of this Standard. However, the extended existing system should remain in compliance with ventilation codes and standards that were in effect at the time it was permitted for construction.

2. Repairs

Repairing (making operational) existing equipment or other building components does not require the building or any of its components to retroactively comply with this standard.

3. Replacement

Any component of a building that is removed and replaced should meet the applicable requirements of Section 5 of this standard for that component. An exception may be made in cases when replacing a component of like size and kind provided all requirements of codes and standards used at the time of original system design and installation are met. For example, replacement of an air conditioning unit with one of similar capacity would not require retroactive compliance with ventilation rates and other requirements of this standard. Unaltered components do not need to be retroactively brought into compliance except when there are substantial alterations (as defined below).

4. Substantial Alterations

If a building is substantially altered, the requirements of this standard should be met as if the building were new. A building would be considered substantially altered if the cost of the revisions exceeds 50% of building's fair market value, excluding the cost of compliance with this standard.

5. Change in Use

If the space application category as listed in Table 2 changes, such as from office to retail, the minimum ventilation rates required by Section 6 should be met for that space.

K.2 COMPLIANCE

Demonstrating that acceptable indoor air quality has been achieved, such as by measuring contaminant concentrations or surveying occupants, would not be required by this standard except where required by the IAQ Procedure.

The following section is a suggested model code language.

Application & Compliance

Application

New Buildings. *All sections and normative appendices apply to new buildings falling within the scope of this standard.*

Existing Buildings.

Additions to Existing Buildings. *All additions to existing buildings within the scope of this standard shall meet the requirements of all sections and normative appendices.*

PM3006450636

Source: https://www.industrydocuments.ucsf.edu/docs/jtxj0001

***Exception**: When an existing ventilation system is extended to serve an addition, the existing system components, such as fans and cooling and heating equipment, need not meet the requirements of this standard. However, the extended existing system must remain in compliance with ventilation codes and standards that were in effect at the time it was permitted for construction.*

***Repairs.** Repairing (making operational) existing equipment or other building components shall be allowed without requiring the building or any of its components to comply with this standard.*

***Replacement.** Any component of a building that is removed and replaced shall meet the applicable requirements of Section 5 of this standard for that component. Unaltered components are not required to be brought into compliance except as required due to a change in use.*

***Exception**: Replacement of a building component or individual piece of equipment with a component of like size and kind, provided that all requirements of codes effective at the time of original system design and installation are met. For example, replacement of an air conditioning unit with one of similar capacity would not require that the ventilation rate requirements and other requirements of this standard be met.*

***Substantial Alterations.** If a building is substantially altered, all sections and normative appendices of this standard shall be met as if the building were new. A building shall be considered substantially altered if the cost of the revisions exceeds 50% of building's fair market value, excluding the cost of compliance with all sections and normative appendices of this standard.*

***Change in Use.** If the space application category as listed in Table 2 changes, such as from office to retail, the minimum ventilation rates required by Section 6 shall be met for that space.*

Compliance

Demonstrating that acceptable indoor air quality has been achieved, such as by measuring contaminant concentrations or surveying occupants, is not required by this standard except where required by the IAQ Procedure.

PM3006450637

Source: https://www.industrydocuments.ucsf.edu/docs/jtxj0001